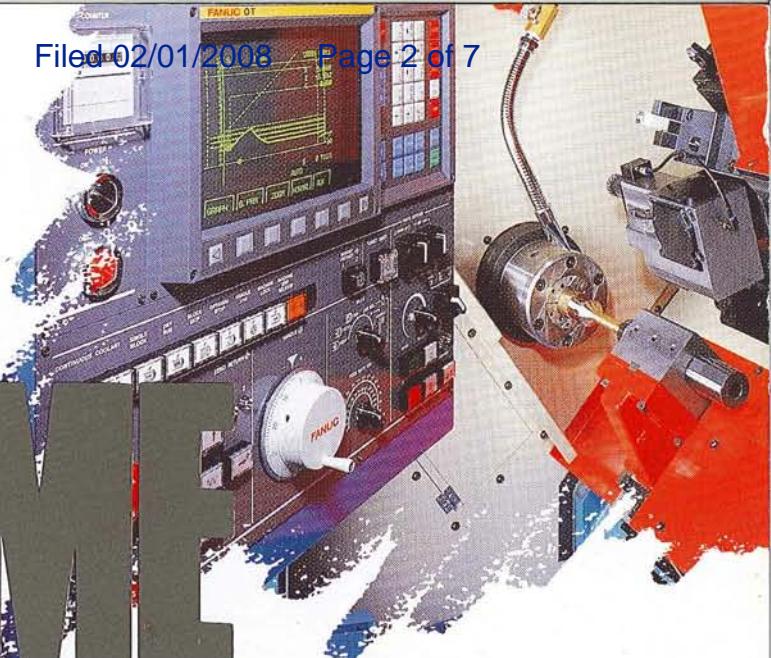


# Exhibit M



**WELCOME  
TO THE WORLD  
OF PRECISION**

**Miyano**  
The World Leader in Precision  
Exhibit M

# PRECISION MACHINES FOR HI

3-AXIS CNC TURNING CENTER  
**BNC-12S**

High speed bar machine equipped with a 3-axis synchronous sub-spindle for secondary operation



3-AXIS CNC TURNING CENTER  
**BNC-20S**

High speed large synchronous su



3-AXIS CNC TURNING CENTER  
**BNC-34T**

3-Axis programmable end-working turret provides maximum productivity by simultaneous 3-axis cutting



2-AXIS CNC TURNING CENTER  
**KNC-35**

Twin turret design reduces idle time, offers cross/end drilling, milling and tapping capability

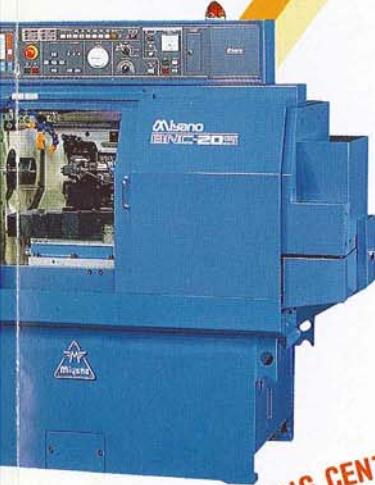


4-AXIS CNC TURNING CENTER  
**ANC-4F**

Exhibit M

# HIGHER PRODUCTIVITY THROUGH

arger capacity bar machine equipped with a 3-axis sub-spindle for secondary operation



2-AXIS CNC TURNING CENTER  
**JNC-60**

Heavy duty universal slant bed machine providing screw machine speed with CNC accuracy



2 AND 3-AXIS CNC TURNING CENTER  
**ATS-45**

Heavy Duty universal slant bed machine with powerful revolving tool attachment and C-Axis control



2-AXIS GANG TOOL CNC TURNING  
**GT-4**

4-Axis control with a sub-spindle and revolving tools allows completion of parts in a shorter cycle time



VERTICAL MACHINING CENTER  
**MSV-21**

Compact designed mac  
racy provides the maxim



# UGH ADVANCED TECHNOLOGY

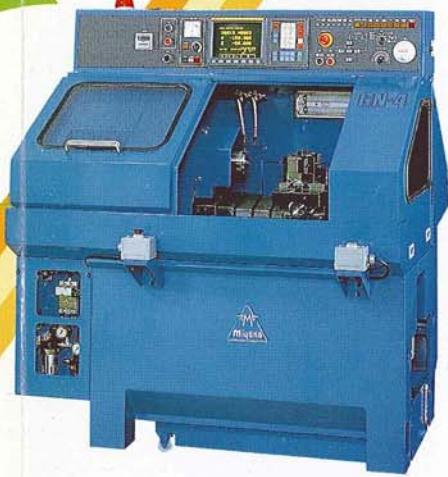
2-AXIS 2-SPINDLE CNC TURNING CENTER  
**LNC-C200**

Twin spindle symmetrical design offers the most highly efficient use of a turning center in a production line



TURNING CENTER

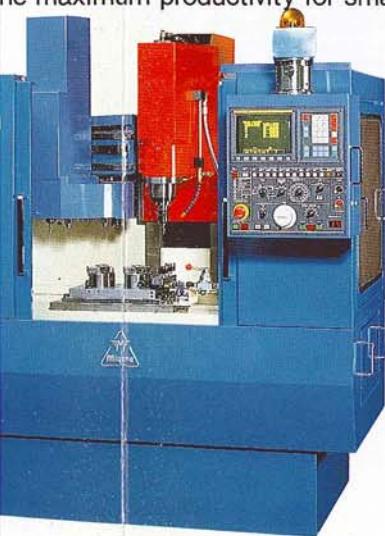
High precision linear slide machine provides fastest cycle times and highest micro-finish accuracy



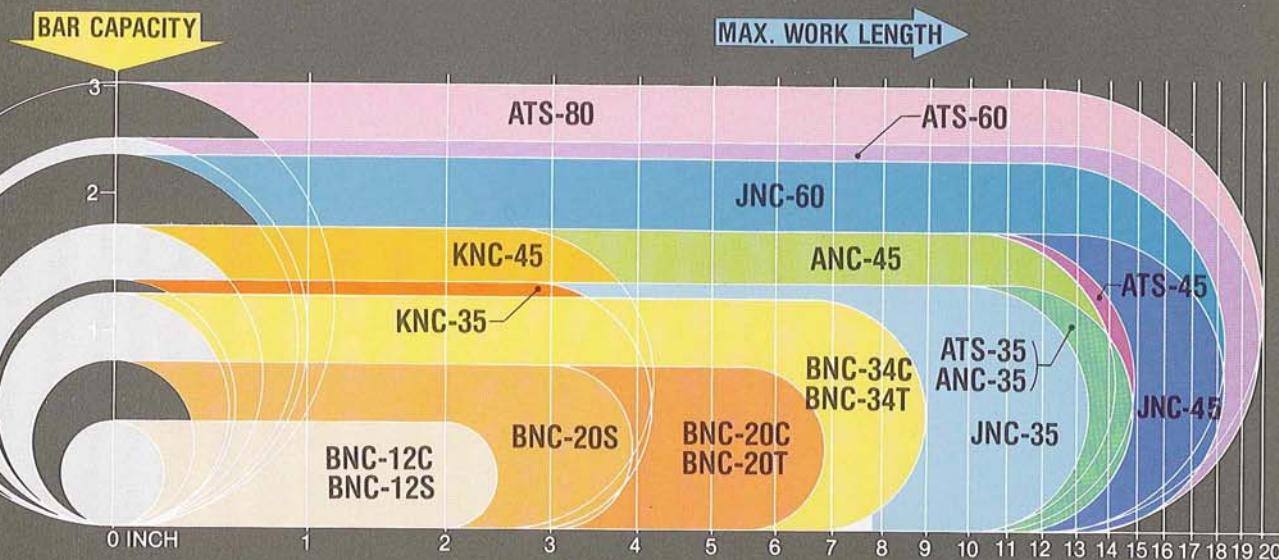
igned machine with high speed and accu  
the maximum productivity for small parts

VERTICAL MACHINING CENTER  
**MSV-41**

Heavy duty universal machine providing high accuracy and maximum machining productivity by using a large capacity ATC unit



**A WIDE VARIETY OF TURNING AND MACHINING CENTERS  
DESIGNED TO BE YOUR PARTNER IN PRECISION WITH  
TOMORROW'S TECHNOLOGY TODAY.**



**BNC-12 SERIES**

	BNC-12C	BNC-12S
Bar Capacity	1/2"	1/2"
Chuck Size	—	—
Max. Work Length	2-1/2"	2-1/2"
Turret Station	6	6
Max. RPM	8,000	8,000

**ATS SERIES**

	ATS-35	ATS-45	ATS-60	ATS-80
Bar Capacity	1-3/8"	1-3/4"	2-1/2"	3-1/16"
Chuck Size	6"	8"	10"	12"
Max. Work Length	15"	15"	30"	30"
Turret Station	12	12	12	12
Max. RPM	5,000	4,000	3,000	2,400

**BNC-20 SERIES**

	BNC-20C	BNC-20T	BNC-20S
Bar Capacity	13/16"	13/16"	13/16"
Chuck Size	4"	4"	—
Max. Work Length	6-7/8"	6-7/8"	4"
Turret Station	6	6 + 6	6
Max. RPM	6,500	6,500	6,500

**ANC SERIES**

	ANC-35	ANC-45
Bar Capacity	1-3/8"	1-3/4"
Chuck Size	6" + 4"	8" + 4"
Max. Work Length	15"	14-3/8"
Turret Station	12 + 6	12 + 6
Max. RPM	5,000	4,000

**BNC-34 SERIES**

	BNC-34C	BNC-34T
Bar Capacity	1-1/4"	1-1/4"
Chuck Size	5"	5"
Max. Work Length	9"	9"
Turret Station	6	6 + 6
Max. RPM	5,000	5,000

**GN SERIES**

	GN-3	GN-4
Chuck Size	3-1/2"	4"
Max. Work Length	2-3/8"	3-5/32"
Max. Tool Station	5	8
Max. RPM	5,000	4,000
Spindle Drive	3 HP	5 HP

**JNC SERIES**

	JNC-35	JNC-45	JNC-60
Bar Capacity	1-3/8"	1-3/4"	2-3/8"
Chuck Size	6"-8"	8"-10"	10"
Max. Work Length	13-1/2"	18-1/2"	18-1/2"
Turret Station	8	8	8
Max. RPM	5,000	4,000	3,000

**LNC SERIES**

	LNC-C165	LNC-C200
Chuck Size	6" + 6"	8" + 8"
Max. Work Length	5-1/2"	5-1/2"
Turret Station	8 + 8	8 + 8
Max. RPM	5,000	4,000
Spindle Drive	10HP x 2	10HP x 2

**KNC SERIES**

	KNC-35	KNC-45
Bar Capacity	1-3/8"	1-3/4"
Chuck Size	6"	8"
Max. Work Length	4-1/4"	4-1/4"
Turret Station	6 + 6	6 + 6
Max. RPM	5,000	4,000

**MSV SERIES**

	MSV-21	MSV-41
Table Size	10" x 20"	20-1/2" x 43"
Travel (X x Y x Z)	12" x 10" x 10"	32" x 18" x 18"
Max. RPM	12,000	6,000
ATC Station	16	30
Tool Holder	BT 30	BT 40

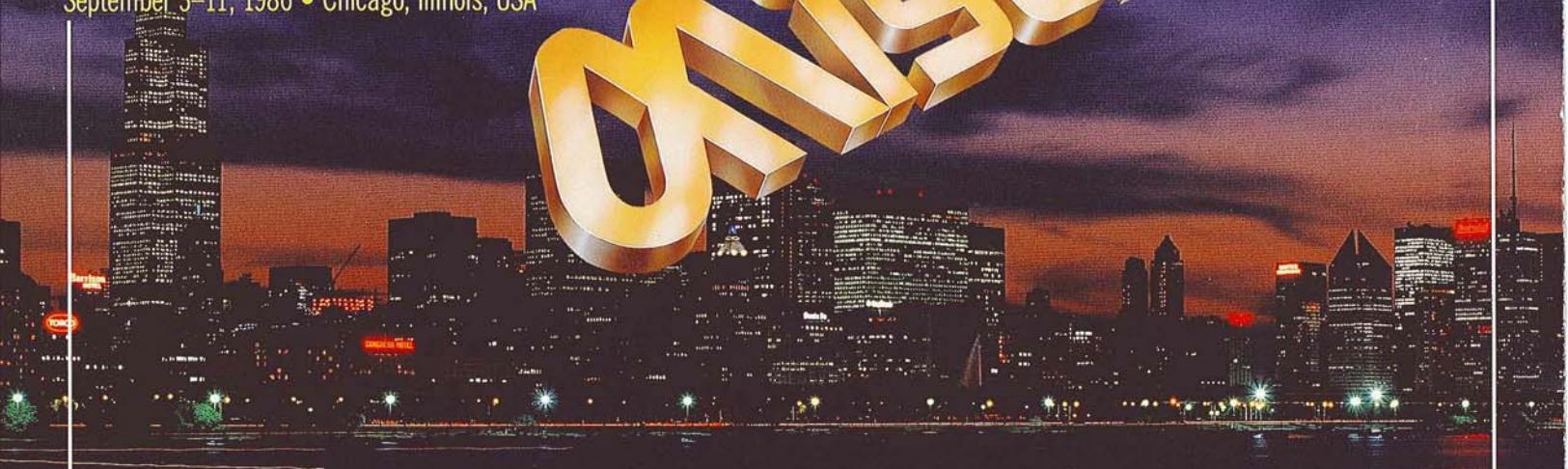


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The world of manufacturing technology

**1986 INTERNATIONAL MACHINE TOOL SHOW**

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**MIYANO**



MIYANO is presenting at the 1986 International Machine Tool Show an exhibition of technologically advanced turning and machining centers. See the complete line of machines demonstrated in our booth 2553.

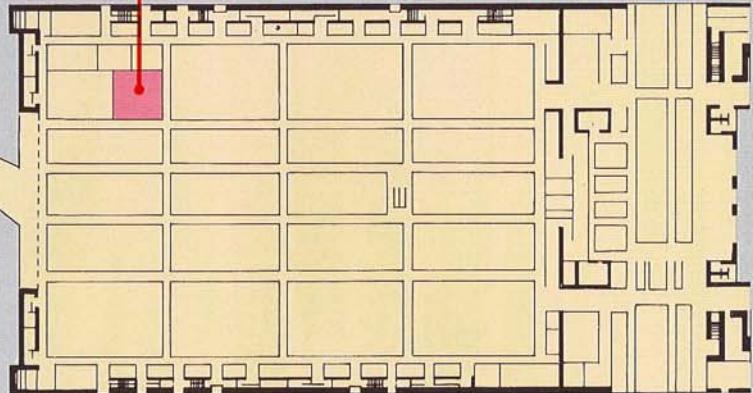
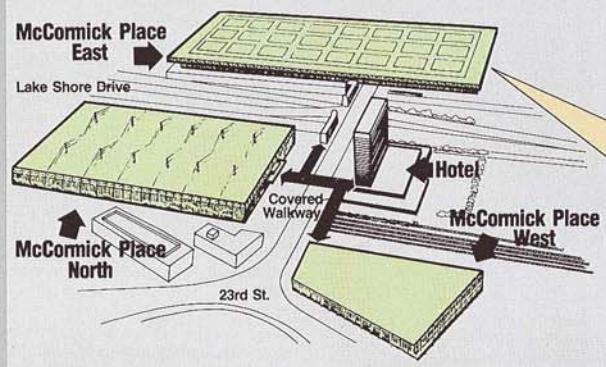
Let MIYANO show you at IMTS how advanced technology can increase your productivity.

**MIYANO**

**SEE OUR PRODUCT**

**BOOTH NO. 2553**

**McCORMICK PLACE EAST-Level 2**



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